

Title (en)

Apparatus for improved stent deployment

Title (de)

Vorrichtung und Verfahren zur verbesserten Stenteinführung

Title (fr)

Appareil de déploiement de stent amélioré

Publication

**EP 2727563 A1 20140507 (EN)**

Application

**EP 13191137 A 20131031**

Priority

US 201261720802 P 20121031

Abstract (en)

The present embodiments provide systems and methods for facilitating deployment of a stent. In one embodiment, the system comprises an inner cannula, and at least one trigger wire extends at least partially within a lumen of the inner cannula (100) and has an exposed portion extending radially outside of the lumen of the inner cannula. The exposed portion of the at least one trigger wire (35, 36, 37) engages an associated portion of a stent in a delivery state. An outer cannula (120) is sized for longitudinal movement over a portion of the inner cannula. Selective distal retraction of the outer cannula permits partial deployment of the stent to an extent of slack provided by the at least one trigger wire, and selective proximal advancement of the outer cannula incrementally urges the exposed portion of the at least one trigger wire radially inward to constrain the associated portion of the stent.

IPC 8 full level

**A61F 2/95** (2013.01)

CPC (source: EP US)

**A61F 2/07** (2013.01 - EP US); **A61F 2/95** (2013.01 - US); **A61F 2/9661** (2020.05 - EP US); **A61F 2002/8483** (2013.01 - EP US); **A61F 2002/9511** (2013.01 - EP US); **A61F 2002/9665** (2013.01 - EP US)

Citation (applicant)

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Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2727563 A1 20140507; EP 2727563 B1 20170426**; US 2014121754 A1 20140501; US 9750626 B2 20170905

DOCDB simple family (application)

**EP 13191137 A 20131031**; US 201314062142 A 20131024